

7. DO'S AND DON'TS continued:-

DO SEEK ADVICE from your gas service centre before making any alterations likely to reduce the supply of fresh air to the heater, as the heater is installed in a ventilated area.

DO KEEP CLEAN, and make sure you DO NOT OBSTRUCT any air grilles on the heater or heater compartment, or any grilles or other ventilators in the walls, windows and doors of the building.

DO CLEAN AND REPLACE correctly the air filter (if fitted) at least once a month, or to manufacturer's instructions.

DO NOT PLACE anything (clothing, linen, etc.) touching, or so that it can fall on to the heater or its flue pipe.

DO NOT USE the heater compartment for storage or airing.

DO NOT turn off electricity supply to the air heater until the gas supply has been turned off.

8. FAILURE TO OPERATE

If you experience any difficulty in lighting or the operation of your Lennox heater, DO NOT TAMPER WITH THE CONTROLS - call your Lennox Planned Service Dealer or local British Gas Service Depot.

However, before calling for help, make the following routine checks to make sure that there really is a fault requiring expert attention.

1. Is the electric power supply switch in the "ON" position?
2. Has the fuse blown? The fuse will be in the plug lead or supply socket.
3. Is the time switch, if fitted, in the "ON" position?
4. Is the room temperature lower than that set on the room thermostat?
5. Is the gas turned on at the meter?

8. FAILURE TO OPERATE continued:-

6. Is the gas isolating tap turned on?

7. Is the pilot alight and the gas control knob turned to the "ON" position.

8. Are the air filters allowing adequate air circulation? Dirty filters may cause the heater to overheat and switch off on its built-in safety switch.

If you have checked all these points and the heater does not work, call your LENNOX PLANNED SERVICE DEALER or British Gas Service Depot.

9. HEATER CARE

9.1. It is in your own interest to keep your heater clean. Wipe the cabinet down regularly with a soft, dry cloth and remove any fluff deposits from the grilles in the front panels.

9.2. Two or three times a year clean out fluff and dirt deposits from the inside of the heater. Turn the room thermostat to "OFF" or its lowest setting, wait five minutes, then lift the front panel(s) off. Dust out the compartment and look to see that the pilot burner is burning with a firm blue flame. Be careful not to touch the burners which may be hot.

10. AIR FILTER CLEANING

The Lennox heater is provided with an air filters which must be cleaned regularly.

If the filter is clogged with dirt, or lint, air circulation is reduced, running efficiency falls and fuel bills go up. In extreme cases this can prevent the building being heated to the proper temperature.

Filter cleaning usually needs to be carried out at two monthly intervals during the heating season (October to May).

The filter media is a metal mesh which will last for several heating seasons.

10. AIR FILTER CLEANING continued:-

NOTE:

If you have a new house, you may need to clean the filter more frequently until dust and fluff from builder's materials and new furnishing fabrics are removed.

CLEANING AND REPLACEMENT

The filter pad is located in a special rack on the outside of the heater. You do not need to switch the heater "OFF" nor do you need to remove any panels from the heater.

Refer to Fig. 7. for location of the filter rack.

Carefully lift the filter out and take it outside your house where it can be cleaned properly. Brush off surface dust, then wash in warm soapy water. Shake off excess moisture before replacing the filter in its rack.

This appliance should be installed only by a LENNOX APPROVED INSTALLER or Area British Gas Region. Look for the "CORGI" emblem.

5. HOW TO LIGHT YOUR HEATER continued:-

5.11. Turn the gas control knob to the "ON" position.

5.12. Set the room thermostat to the required setting.

5.13. Switch the electricity supply "ON". The heater will now light provided that the room temperature is below the thermostat setting.

(N.B. Any programmer or time clock control, if fitted must be "ON").

5.14. When proper operation of the burner has been established. Replace the front door panels.

6. TO TURN THE HEATER OFF

1. For short periods, set the room thermostat to "OFF", or its lowest setting.

3. For long periods, set the room thermostat to "OFF", or its lowest setting, remove the front panel(s) of the heater, turn the gas control knob to the pilot position, push down and continue turning to "OFF" position. Wait until you hear the fan stop running, then you can turn the electricity power "OFF" at the supply switch. To relight the heater, follow instructions "HOW TO LIGHT YOUR HEATER" from the beginning.

7. DO'S AND DON'TS

Once the pilot has been lit and the gas control knob put to the "ON" position, control of the heater is by the room thermostat.

If, during normal operation, the pilot becomes extinguished, causing the heater to shut off, re-light as directed in the LIGHTING INSTRUCTIONS, paying particular attention to the warning paragraph. Pilot failure is not a common occurrence.

For your own safety take note of the following DO'S AND DON'TS:-

5. HOW TO LIGHT YOUR HEATER

W A R N I N G:  
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If the pilot light is extinguished either intentionally or unintentionally no attempt should be made to relight the gas until at least three minutes have elapsed.

- 5.1. Switch the electricity supply "OFF"
- 5.2. Set the room thermostat to its lowest, or "OFF", position.
- 5.3. Ensure that the gas supply to the heater is "ON".
- 5.4. Remove the front panels to the heater by lifting the door panels upwards free of the retaining flanges (upper panel only on G11 units, both panels, top one first, on G11R units). (Ref. Figs. 1, 1a, 2a and 2 b).
- 5.5. The gas valve with its white control knob will be seen in the gas supply pipe in the front compartment of the heater (Ref. Figs. 3 and 4).
- 5.6. Lift the lighting access flap in the burner shield.  
(Ref. Fig.6.)
- 5.7. Turn gas control knob anticlockwise to the pilot position.  
(Ref. Fig.5.)
- 5.8. Push in the gas control knob and keep fully pushed in. At the same time apply a lighted match or taper to the pilot burner. (Ref. Fig.6.)
- 5.9. Once the pilot is alight, keep the knob pushed in for at least 20 seconds before releasing. The pilot should remain alight after the knob is released. If the pilot does not stay alight, push the knob down and turn clockwise to the "OFF" position. Wait at least three minutes and then repeat from Step 5.7.
- 5.10. With the pilot flame established, close the lighting access flap in the burner shield.

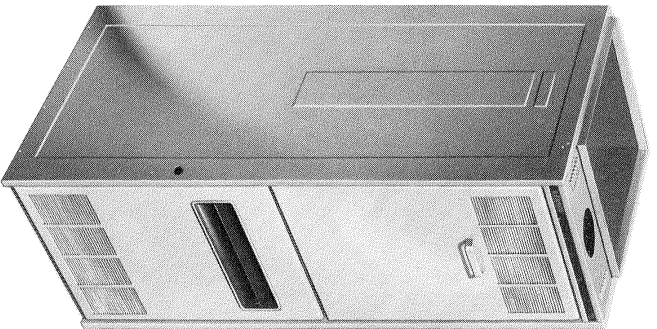


Fig 1

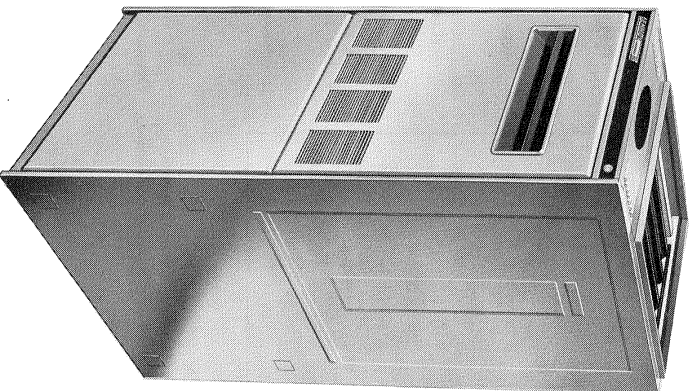
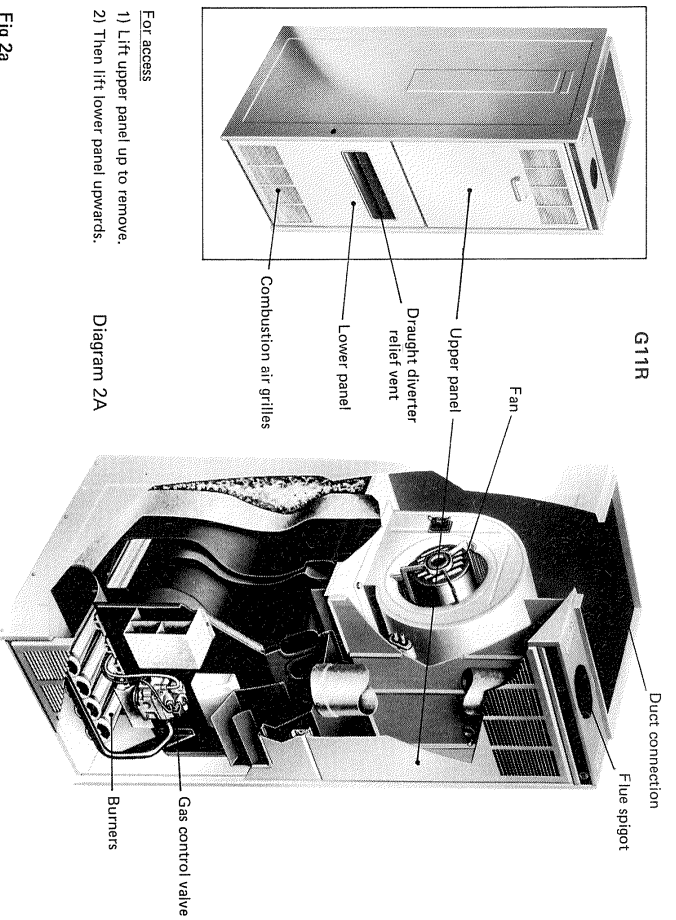
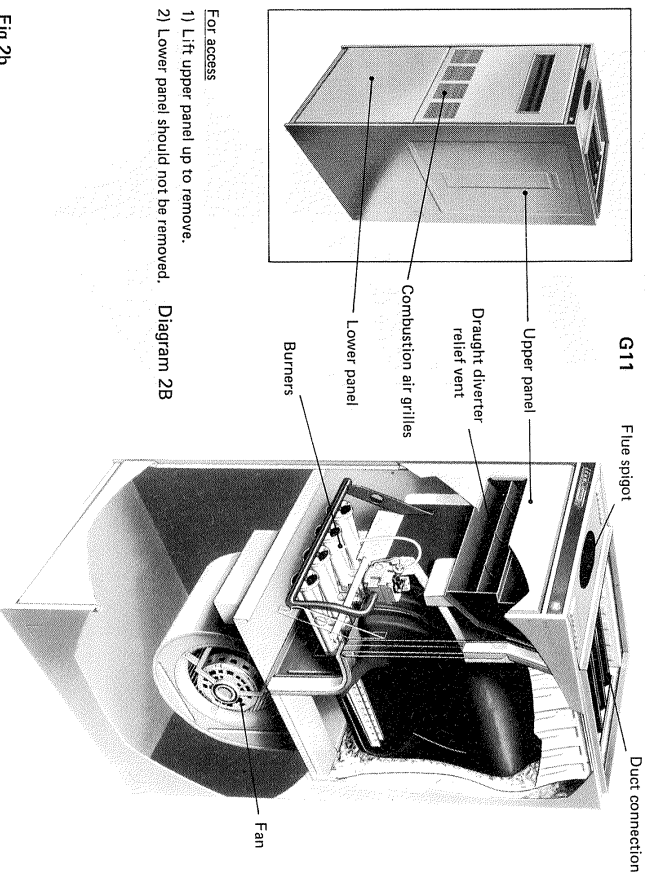


Fig 1a



For access  
1) Lift upper panel up to remove.  
2) Then lift lower panel upwards.

Diagram 2A



For access  
1) Lift upper panel up to remove.  
2) Lower panel should not be removed.

Diagram 2B

#### 4. CONTROLS continued:-

##### 4.3. ROOM THERMOSTAT.

This controls the temperature of the heated areas. It has a temperature selector which should be set to the lowest setting which, by experience, is found to provide the comfort level you need. Once set, the thermostat should not be altered, setting to a higher temperature does not increase the amount of heat being delivered by the heater, it only increases the temperature at which the heater shuts off and therefore puts up the gas bill.

##### 4.4 REGISTER AND GRILLES.

These are the outlets which discharge warm air into the rooms. They are positioned in the walls, floors or ceilings and care should be taken to ensure that curtains and furniture are not positioned so as to prevent free discharge of air from them. Some registers are fitted with manual dampers to allow you to close them off, for example in bedrooms during the day-time. Never close all the registers in the system at the same time, if you do, automatic safety devices in the heater will shut the heater off.

Manually adjustable registers are your control over the amount of heat being delivered to a particular area. For rapid heat-up make sure that the registers are wide open and air is free to circulate through the room.

##### 4.5 PROGRAMMER

If you installer has fitted a programmer or clock controller, this will have its own operating instructions which you should study. Remember, that only when the programmer is in an "ON" position will the heater respond to a demand from the room thermostat.

##### 4.6 GAS CONTROL KNOB.

This control is positioned inside the heater behind the front cover panels and is the control which you need to use when lighting the heater, or turning the heater off.

FOR INSTRUCTIONS IN USE OF THE GAS CONTROL KNOB SEE SECTION "HOW TO LIGHT YOUR HEATER".

3. INDOOR CLIMATE SYSTEMS

Your system may be equipped with add-on Lennox cooling to give summer comfort, automatic humidifier and electronic air cleaner. This is the Lennox Total Comfort System for full air conditioning to the areas supplied by the grilles and registers.

NOTE:

Separate User's Instructions are provided with all Lennox auxiliary equipment and these should be studied carefully before you put the equipment into service.

4. CONTROLS

Before putting your Lennox heater into use familiarise yourself with the controls and how they work.

4.1. ELECTRIC POWER SUPPLY.

This will be found close to the heater.

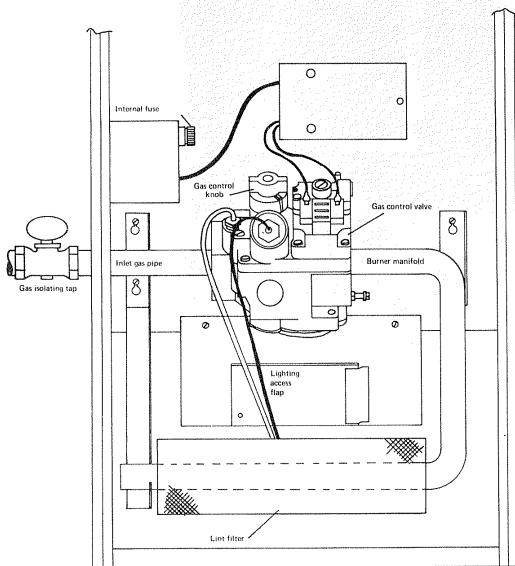
The control of the Lennox heater is completely automatic, so the electricity supply must be on at all times that the heater is in use.

In emergency or when service is being carried out the electricity supply to the heater must be switched off but only after the gas control knob has been turned to the OFF position (See Fig.5.) and the gas has stopped burning on the burners.

THIS APPLIANCE MUST BE EARTHED

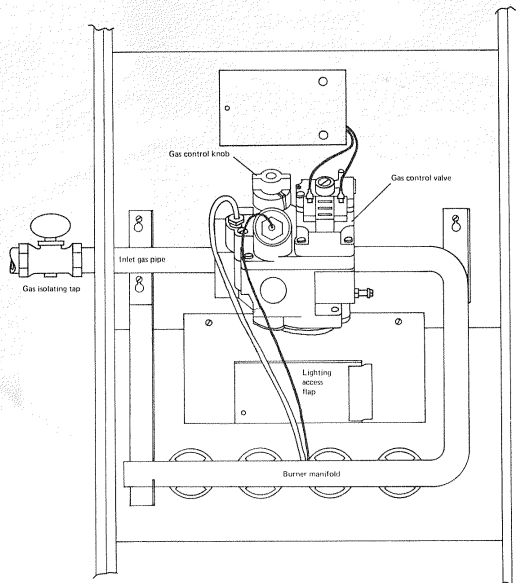
4.2 GAS ISOLATING TAP.

This is fitted in the gas supply pipe to the heater, outside the heater casing, usually on the left-hand side.



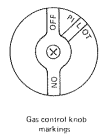
G11R series

Fig 3



G11 series

Fig 4



Gas control knob markings

Fig 5



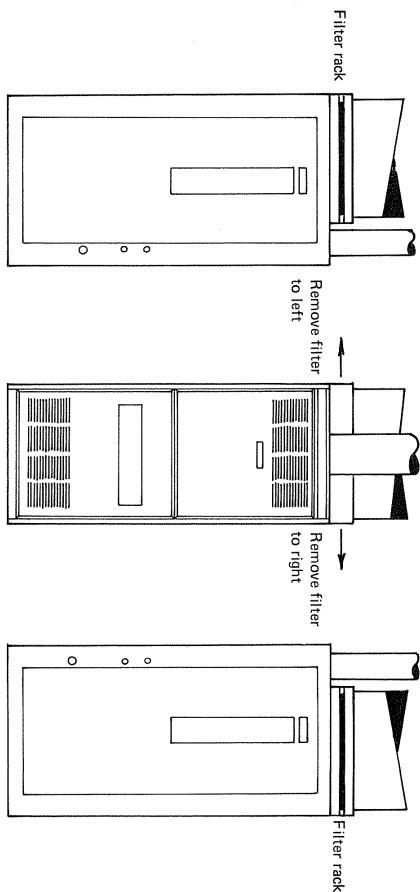
THESE INSTRUCTIONS ARE INTENDED TO HELP YOU, THE USER, LEARN HOW TO OPERATE YOUR HEATING SYSTEM AND GET THE BEST ECONOMIC PERFORMANCE FROM IT.

PLEASE READ THEM CAREFULLY BEFORE YOU PUT THE HEATER INTO SERVICE.

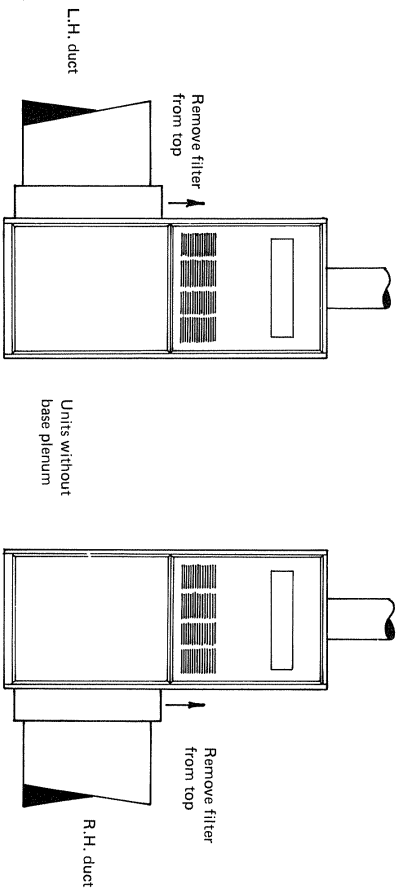
C O N T E N T S

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5. HOW TO LIGHT YOUR HEATER
6. TO TURN HEATER OFF
7. DO'S AND DON'T'S
8. FAILURE TO OPERATE HEATER CARE
9. AIR FILTER CLEANING
- 10.

FILTER RACK POSITIONS



G11R series



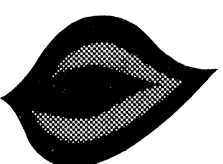
G11 series

Fig 7

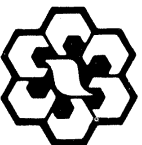
user  
instructions

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**LENNOX**  
**G11/G11R series**  
**air heaters**



This appliance should be installed  
only by a Lennox approved installer  
or area British Gas Region. Look for the  
CORGI emblem.



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